Name of Work: Improvements to roads and Drains at Chokkanahalli Surrounding area in ward no-05(Jakkkur) Byatarayanapura Sub Division

Item No	Discription of Item	Detailed Measurements						Rate	Amount
		No	Length	Breadth	Depth	Qty	Unit		
1	KSRRB 300-1 Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications **Vide pre-measurement page no.**					3113.26			
					Present Qty	**3113.26**	**Cum**	**226.00**	**1004383.88**
2	KSRRB M2100-10 Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18,KPWD SR **Vide pre-measurement page no.**					394.05			
					Present Qty	**394.05**	**Cum**	**5691.78**	**2490059.14**
3	KSRB 4.9.2 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications **Vide pre-measurement page no.**					46.66			
					Present Qty	**46.66**	**Tn**	**75927.20**	**5216412.67**
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of **Vide pre-measurement page no.**					756.62			
					Present Qty	**756.62**	**Cum**	**7422.13**	**5152986.03**

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Asst. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone

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Name of Work: Improvements to roads and Drains at Chokkanahalli Surrounding area in ward no-05(Jakkur) Byatarayanapura Sub Division

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead								
	RCC Drain								
	Chokkanahalli Main Road								
	LHS(From Main Rd)								
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch:30.00m to 60.00m	1	30.00	0.90		27.00			
	Ch:60.00m to 89.2m	1	29.20	0.90		26.28			
	Culvert Gap								
	Ch:89.2m to 102m	1	12.80	0.90		11.52			
	Ch:102m to 132m	1	30.00	0.90		27.00			
	Ch:132m to 162m	1	30.00	0.90		27.00			
	Ch:162m to 164.8m	1	2.80	0.90		2.52			
	Culvert Gap								
	Ch:164.8m to 194.8m	1	30.00	0.90		27.00			
	Ch:194.8m to 216.8m	1	22.00	0.90		19.80			
	Culvert Gap								
	Ch:216.8m to 246.8m	1	30.00	0.90		27.00			
	Ch:246.8m to 253.5m	1	6.70	0.90		6.03			
	Culvert Gap								
	Ch:253.5m to 268.8m	1	15.30	0.90		13.77			
	Culvert Gap								
	Ch:268.8m to 298.8m	1	30.00	0.90		27.00			
	Ch:298.8m to 328.8m	1	30.00	0.90		27.00			
	Ch:328.8m to 331.9m	1	3.10	0.90		2.79			
	Culvert Gap								
	Ch:331.9m to 346.9m	1	15.00	0.90		13.50			
	Culvert Gap								
	Ch:346.9m to 376.9m	1	30.00	0.90		27.00			
	Ch:376.9m to 406.9m	1	30.00	0.90		27.00			
	Ch:406.9m to 436.9m	1	30.00	0.90		27.00			
	Ch:436.9m to 455.2m	1	18.30	0.90		16.47			
	Ch:455.2m to 458.7m(Desilt)	1	3.50	0.90		3.15			
	RHS(From End)								
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch:30.00m to 60.00m	1	30.00	0.90		27.00			

A.E. (Project)

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Description of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Ch:80.00m to 94.20m								
School Gap	1	14.20	0.90		12.78			
Ch:94.20m to 104.20m								
Ch:104.20m to 126.74m	1	30.00	0.90		27.00			
Culvert Gap	1	22.54	0.90		20.29			
Ch:126.74m to 137.74m								
Gap	1	11.00	0.90		9.90			
Ch:137.74m to 167.74m	1	30.00	0.90		27.00			
Ch:167.74m to 197.74m	1	30.00	0.90		27.00			
Ch:197.74m to 227.74m	1	30.00	0.90		27.00			
Ch:227.74m to 232.24m	1	4.50	0.90		4.05			
Culvert Gap								
Ch:232.24m to 244.74m	1	12.50	0.90		11.25			
Culvert Gap								
Ch:244.74m to 274.74m	1	30.00	0.90		27.00			
Ch:274.74m to 304.74m	1	30.00	0.90		27.00			
Ch:304.74m to 334.74m	1	30.00	0.90		27.00			
Ch:334.74m to 380.74m	1	16.00	0.90		14.40			
Ch:350.74m to 380.74m	1	30.00	0.90		27.00			
Ch:380.74m to 410.74m	1	30.00	0.90		27.00			
Ch:410.74m to 438.14m	1	27.40	0.90		24.66			
Ch:438.14m to 443.34m		5.20	BS					
Ch:443.34m to 462.84m	1	19.50	0.90		17.55			
Matru Condiment Road								
LHS (from Chokkanahalli Rd)								
Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
Ch:30.00m to 60.00m	1	30.00	0.90		27.00			
Ch:60.00m to 90.00m	1	30.00	0.90		27.00			
Ch:90.00m to 103.70mm	1	13.70	0.90		12.33			
RHS (From End)								
Ch:0.00m to 6.20m(Desilt)	1	6.20	0.90		5.58			
Ch:6.2m to 36.20m	1	30.00	0.90		27.00			
House Gap								
Ch:36.20m to 66.20m	1	30.00	0.90		27.00			
Ch:66.20m to 78.40m	1	12.20	0.90		10.98			
Ch:78.40m to 85.80m		7.4	BS					
Ch:85.80m to 97.20m	1	11.40	0.90		10.26			
Chokkanahalli Layout Main Road								
LHS (From Main Road)								
Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
Ch:30.00m to 60.00m	1	30.00	0.90		27.00			
Ch:60.00m to 90.00m	1	30.00	0.90		27.00			

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Description of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
Ch:90.00m to 120.00m	1	30.00	0.90		27.00			
Ch:120.00m to 144.00m	1	24.00	0.90		21.60			
Ch:144.00m to 153.30m	1	9.30	0.90		8.37			
Ch:153.30m to 183.30m	1	30.00	0.90		27.00			
Ch:183.30m to 185.30m	1	2.00	0.90		1.80			
Culvert Gap E E (Protect)								
Gap (temple)								
Culvert Gap								
Ch:185.30m to 187.30m	1	2.00	0.90		1.80			
Ch:187.30m to 217.30m	1	30.00	0.90		27.00			
Ch:217.30m to 247.30m	1	30.00	0.90		27.00			
Ch:247.30m to 252.80m	1	5.50	0.90		4.95			
Gap								
Ch:252.80m to 269.00m	1	16.20	0.90		14.58			
House Gap								
Ch:269.00m to 296.20m	1	27.20	0.90		24.48			
School Gap E.E. (Protect)								
Ch:296.20m to 306.80m	1	10.60	0.90		9.54			
House Gap								
Ch:306.80m to 324.30m	1	17.50	0.90		15.75			
Ch:324.30m to 354.30m	1	30.00	0.90		27.00			
Ch:354.30m to 354.80m	1	0.50	0.90		0.45			
Road Gap								
Ch:354.80m to 378.60m	1	23.80	0.90		21.42			
Ch:378.60m to 383.90m		5.30	BS					
Ch:383.90m to 401.80m	1	17.90	0.90		16.11			
Ch:401.80m to 414.50m		12.70	BS					
Ch:414.50m to 444.50m	1	30.00	0.90		27.00			
Ch:444.50m to 446.10m	1	1.60	0.90		1.44			
Culvert Gap								
Ch:446.10m to 476.10m	1	30.00	0.90		27.00			
Ch:476.10m to 481.70m	1	5.60	0.90		5.04			
Culvert Gap								
Ch:481.70m to 507.40m	1	25.70	0.90		23.13			
RHS (From End) E.E. (Project)								
Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
Ch:30.00m to 60.00m	1	30.00	0.90		27.00			
Ch:60.00m to 86.00m	1	26.00	0.90		23.40			
Ch:86.00m to 90.10m		4.10	BS					
Ch:90.10m to 101.40m	1	11.30	0.90		10.17			
House Gap								
Ch:101.40m to 107.80m	1	6.40	0.90		5.76			

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Sl No	Description of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:107.80m to 116.60m								
	Road Gap	1	8.80	0.90		7.92			
	Ch:116.60m to 141.00m								
	Tree Gap	1	24.40	0.90		21.96			
	Ch:141.00m to 145.40m								
	Road Gap	1	4.40	0.90		3.96			
	Ch:145.40m to 153.20m								
	Ch:153.20m to 156.20m	1	7.80	0.90		7.02			
	Ch:156.20m to 175.40m	1	3.00	BS					
	Ch:175.40m to 205.40m	1	19.20	0.90		17.28			
	Ch:205.40m to 225.40m	1	30.00	0.90		27.00			
	House Gap	1	20.00	0.90		18.00			
	Ch:225.40m to 255.40m								
	Ch:255.40m to 283.00m	1	30.00	0.90		27.00			
	2nd Cross Road	1	27.60	0.90		24.84			
	LHS From Main Rd								
	Ch:0.00m to 12.50m								
	Ch:12.50m to 42.50m	1	12.50	BS					
	Ch:42.50m to 43.00m	1	30.00	0.75		22.50			
	RHS From End	1	0.50	0.75		0.38			
	Ch:0.00m to 30.00m								
	Ch:30.00m to 52.20m	1	30.00	0.75		22.50			
	Muneshwara Temple Road	1	22.20	0.75		16.65			
	RHS From Main Rd								
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch:30.00m to 46.50m	1	16.50	0.90		14.85			
	Culvert								
	Ch:46.50m to 76.50m	1	30.00	0.90		27.00			
	Ch:76.50m to 106.50m	1	30.00	0.90		27.00			
	Ch:106.50m to 125.90m	1	19.40	0.90		17.46			
	Gap								
	Ch:125.90m to 151.10m	1	25.20	0.90		22.68			
	Chokkanahalli Main Road								
	LHS								
	Ch:0.00m to 30.00m	1	30.00	0.90		27.00			
	Ch:30.00m to 60.00m	1	30.00	0.90		27.00			
	Ch:60.00m to 90.00m	1	30.00	0.90		27.00			
	Ch:90.00m to 120.00m	1	30.00	0.90		27.00			
	Ch:120.00m to 130.00m	1	10.00	0.90		9.00			
	Present Qty	**2002.64**					**Sqm**	**2453.33**	**4913139.24**

E.E. (Project)

E.E. (Project)

E.E. (Project)

E.E. (Project)

NEWZEN CONSULTANT * Consultant * Bangalore *

Asst. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone

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Name of Work: Improvements to roads and Drains at Chokkanahalli Surrounding area in ward no-05(Jakkkur) Byatarayanapura Sub Division

Item No	Detailed Measurements Measurement Recorded On: Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
6	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete As								
	Culvert								
	Village Main Road								
		1	4.50	1.20		5.40			
		1	6.80	1.20		8.16			
		1	5.60	1.20		6.72			
		1	5.30	1.20		6.36			
		1	5.00	1.20		6.00			
		1	5.60	1.20		6.72			
		1	5.40	1.20		6.48			
		1	4.00	1.20		4.80			
		1	6.20	1.20		7.44			
		1	8.00	1.20		9.60			
	Chokkanahalli Layout Road								
		1	7.80	1.20		9.36			
		1	7.80	1.20		9.36			
		1	7.00	1.20		8.40			
		1	7.10	1.20		8.52			
	Present Qty					**103.32**	**Sqm**		
	Up to 125%					**27.00**	**Sqm**	**5687.69**	**2073632.16**
	Above 125%					**76.32**	**Sqm**	**5418.00**	**2073632.16**
						Total			**17585037.34**
						GST 12%			**2110204.48**
						Grand Total			**19695241.82**

NEWZEN CONSULTANT Bangalore Consultant

Assistant Engineer

Asst. Executive Engineer
Project Division

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